

**From:** Gilberto Irizarry/DC/USEPA/US  
**Sent:** 6/22/2012 3:03:17 PM  
**To:** Eugene Lee/DC/USEPA/US@EPA  
**CC:**  
**Subject:** Fw: Dimock - Amendments to Action Memo

FYI ....

Gilberto "Tito" Irizarry  
Program Operations & Coordination Division, Director  
Office of Emergency Management  
US Environmental Protection Agency, Headquarters  
Tel: (202) 564-7982  
Mobile: (202) 821-8138  
Fax: (202) 564-8333

----- Forwarded by Gilberto Irizarry/DC/USEPA/US on 06/22/2012 03:02 PM -----

**From:** Dennis Carney/R3/USEPA/US  
**To:** Gilberto Irizarry/DC/USEPA/US@EPA  
**Cc:** Gerald Heston/R3/USEPA/US@EPA  
**Date:** 04/10/2012 01:15 PM  
**Subject:** Dimock - Amendments to Action Memo

Below are the 3 emails confirming verbal approvals to amend the Dimock Action memo. Thanks, den.

## 1st Amendment

----- Forwarded by Dennis Carney/R3/USEPA/US on 04/10/2012 01:10 PM -----

**From:** Dennis Carney/R3/USEPA/US  
**To:** "Rich Fetzer" <fetzer.richard@epa.gov>  
**Cc:** "Jerry Heston" <heston.gerald@epa.gov>, "Tito Irizarry" <irizarry.gilberto@epa.gov>  
**Date:** 02/10/2012 09:09 AM  
**Subject:** Fw: Dimock - Request for Ceiling Increase

With this email I am confirming the verbal approval I gave to OSC Rich Fetzer wherein I approved a project ceiling increase of \$125,000 for the Dimock Residential Groundwater Site in Susquehanna Co., PA. This project ceiling increase brings the total project ceiling to \$225,000 and was supported by a HQ concurrence in this action as outlined in the attached email.

Dennis P. Carney, Assoc. Div. Director  
Haz Sites Cleanup Division  
EPA Region III

----- Original Message -----

**From:** Larry Stanton  
**Sent:** 02/09/2012 09:09 PM EST  
**To:** Dennis Carney  
**Cc:** Ron Borsellino; Dana Tulis; Gilberto Irizarry  
**Subject:** Re: Dimock - Request for Ceiling Increase  
Concur. Tito, we will need a hard copy record.

L

----- Original Message -----

**From:** Dennis Carney

**Sent:** 02/09/2012 07:11 PM EST

**To:** Larry Stanton

**Cc:** Ron Borsellino; Dana Tulis; Gilberto Irizarry

**Subject:** Dimock - Request for Ceiling Increase

**Purpose:** The purpose of this email is to formally seek your concurrence on an increase to the project ceiling for the Dimock Residential Groundwater Site located in Susquehanna Co., PA. The increase proposed is for \$125,000 which would bring the total project ceiling to \$225, 000. Outlined below is the basis for this request.

**Background:** On January 19, 2012, Dana Tulis, acting on your behalf concurred on an Action Memorandum (Memo) to take actions at the Dimock Residential Groundwater Site including the provision of bulk and bottled water to 4 homes. The Action Memo, which I subsequently signed, also on January 19, 2012, also included sampling at approximately 61 homes. After both PADEP and Cabot declined offers to provide alternate water to the four homes, the OSC used a regional ERRS contractor to provide the bulk and bottled water and to support command post logistical support activities. Initial estimates were that the original project ceiling would be sufficient for approximately one month. During the course of providing water, several unexpected items also arose. One was the higher usage of water than originally expected by some residents. The other item was the requirement for some plumbing services to switch some homes from well usage back to water buffaloes. At the current time the OSC is closely approaching his project ceiling and expects that he will reach his ceiling over the coming weekend. At that point without sufficient funding authorization the OSC would need to discontinue the provision of alternate water.

Over the past three weeks, the OSC has initiated an aggressive and extensive sampling and analytical program which by February 14, 2012 will have included approximately 58 homes. To the extent practicable the home well sampling was performed in accordance with priorities established by the OSC and documented in the Action Memo. Those priorities were in order: the four homes receiving alternate water, an additional 4 homes who had lost access to donated water, the balance of homes within the properties covered by the PADEP/Cabot consent order and then all other homes that had been identified for potential sampling. While we have fast-tracked the analysis of sampling data for select parameters we do not at this point have complete, validated results for all parameters at any particular home, including the four receiving alternate water. Therefore, we are not in a position at this time to make an appropriate, scientific determination on halting the provision of alternate water. Discontinuing alternate water at this time will result in a situation where homeowners may once again be forced to consume and use home well water of uncertain quality, and which the Agency has previously determined presents health concern.

**Conclusion:** A project ceiling increase of \$1250,000 bringing the total project ceiling to \$225,000 would enable the OSC to continue to provide alternate water to the original four homes for approximately one additional month. Furthermore, the OSC is also planning to switch some homes to larger 1000 gallon water buffalo tanks to allow for a more efficient bulk water delivery, deal with potential weather issues affecting water delivery and immediately realize a cost savings to the government. During that time the Region anticipates having all its analytical results for the four homes. At that point the Region would expect to be able to make appropriate determinations on further actions at these four homes, including whether it is scientifically appropriate to halt or continue alternate water at those homes.

Overall, it is noted that the last scheduled home well samples from the round of sampling outlined in the Action Memo will be collected on February 14, 2012. Beyond that there will be a few remaining homes where those samples will be collected in March 2012. These are homes where residents are on vacation or otherwise not available until that time. For the homes sampled through February 14th and allowing approximately 5 weeks for the receipt of validated results for the full suite of sample parameters, we expect to have all sampling data by late March.

**Costs:** With your concurrence on the proposed ceiling increase, the total project ceiling will breakout as noted below.

	Current	Proposed
ERRS	\$85,000	\$200,000
START	\$ 5,000	\$ 10,000
Contingency	<u>\$10,000</u>	<u>\$ 15,000</u>
Total	\$100,000	\$225,000

Please advise if we need to discuss this request.

Dennis P. Carney, Associate Division Director  
Hazardous Site Cleanup Division  
Office of Preparedness and Response  
US EPA - Region III  
1650 Arch Street  
Philadelphia, PA 19103  
(W) (215) 814-3241  
(Cell) (215) 514-9310

## 2nd Amendment

----- Forwarded by Dennis Carney/R3/USEPA/US on 04/10/2012 01:10 PM -----

From: Dennis Carney/R3/USEPA/US  
To: Richard Rupert/R3/USEPA/US  
Cc: Gerald Heston/R3/USEPA/US@EPA, Richard Fetzer/R3/USEPA/US@EPA, Humane Zia/R3/USEPA/US@EPA  
Date: 02/17/2012 02:10 PM  
Subject: Fw: Request to Provide Alternative Water.

This email confirms the verbal approval I provided to you minutes ago in which I approved an increase in the scope of the removal action at the Dimock Residential Groundwater site. The increase in scope involves providing alternate water to a resident designated as HW-47 bringing the total number of homes to receive alternate water to five. There is no change in the total project ceiling required for this increase in scope.

Please document the verbal approval in a Special Bulletin polrep as soon as possible and print the email exchanges below and maintain them in the official site file.

Thanks, den.

Dennis P. Carney, Associate Division Director  
Hazardous Site Cleanup Division  
Office of Preparedness and Response  
US EPA - Region III  
1650 Arch Street  
Philadelphia, PA 19103  
(W) (215) 814-3241  
(Cell) (215) 514-9310

----- Forwarded by Dennis Carney/R3/USEPA/US on 02/17/2012 02:03 PM -----

From: Dana Tulis/DC/USEPA/US  
To: Dennis Carney/R3/USEPA/US@EPA  
Cc: Eugene Lee/DC/USEPA/US@EPA, Gerald Heston/R3/USEPA/US@EPA, Gilberto Irizarry/DC/USEPA/US@EPA, Kathy Hodgkiss/R3/USEPA/US@EPA, Larry Stanton/DC/USEPA/US@EPA, Richard Rupert/R3/USEPA/US, Ron Borsellino/R3/USEPA/US@EPA  
Date: 02/17/2012 01:50 PM  
Subject: Re: Fw: Request to Provide Alternative Water.

Yes, we concur. Thanks Dennis. I assume Shawn will send his email to the Administrator and you are working on a desk statement in case you are contacted by the press, per the outcome of our call earlier today.

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Dana S. Tulis  
Deputy Office Director  
Office of Emergency Management

From: Dennis Carney/R3/USEPA/US  
To: Larry Stanton/DC/USEPA/US@EPA, Dana Tulis/DC/USEPA/US@EPA  
Cc: Gilberto Irizarry/DC/USEPA/US@EPA, Eugene Lee/DC/USEPA/US@EPA, Ron Borsellino/R3/USEPA/US@EPA, Kathy Hodgkiss/R3/USEPA/US@EPA, Gerald Heston/R3/USEPA/US@EPA, Richard Rupert/R3/USEPA/US  
Date: 02/17/2012 12:58 PM  
Subject: Fw: Request to Provide Alternative Water.

**Purpose:** The purpose of this email is to formally seek your concurrence to provide drinking water to the resident living at [Ex. 6 - Personal Privacy] Hop Bottom PA. This residence which we have labeled HW-47 is located within the Dimock Residential Groundwater Site (Site). The action memorandum for the Site, dated January 19, 2012 sets forth the description of the Site contaminants and the basis for EPA's action there. The resident's potable water supply well (HW-47) was sampled February 8, 2012. The final chemical analytical report indicates concentrations of arsenic at greater than 90 micrograms per liter (ug/l or parts per billion - ppb) both at the well head (90.7 ppb) and the drinking water tap (91.1 ppb) located at the kitchen sink. The maximum contaminant level (MCL) for arsenic is 10 ppb.

The EPA toxicologist, in an opinion dated February 17, 2012, has reviewed the results presented in the final chemical analytical report and indicates that the concentrations of arsenic found in HW-47 represent a significant threat to the resident's health.

The OSC requests permission to provide alternate water to the resident as soon as possible. This action is consistent with the scope of work as described in the action memorandum, in which four homes with elevated levels of arsenic and/or manganese were provided alternate water. Providing alternate water to the resident at HW-47 will increase the total number of homes receiving water to five.

**Conclusion:** Providing alternate water to will mitigate exposure to arsenic by way of drinking water. Assessment of the groundwater at the Site is continuing to determine the source of arsenic. Both the PA Department of Environmental Protection and Cabot Oil and Gas will be advised of our action pending your concurrence.

**Costs:** The cost to provide alternate water to the resident can be conducted within the existing approved project ceiling for the Site.

---

Richard Rupert,  
On-Scene Coordinator  
U.S. EPA  
1650 Arch Street - 3HS31  
Philadelphia, PA 19103  
(215) 814-3463 - office  
215 514-8773 - mobile  
rupert.richard@epa.gov

Dennis P. Carney, Associate Division Director  
Hazardous Site Cleanup Division  
Office of Preparedness & Response  
1650 Arch Street - 3HS30  
Philadelphia, PA 19103  
(W) 215-814-3241  
(C) 215-514-9310  
carney.dennis@epa.gov

## 3rd Amendment

----- Forwarded by Dennis Carney/R3/USEPA/US on 04/10/2012 01:10 PM -----

From: Dennis Carney/R3/USEPA/US

To: Richard Fetzer/R3/USEPA/US@EPA  
Cc: Gerald Heston/R3/USEPA/US@EPA  
Date: 03/14/2012 01:54 PM  
Subject: Fw: Dimock - Request for Ceiling Increase

Rich, This email confirms the verbal approval I just provided to you over the telephone. This action approves an increase of \$275,000 in the project ceiling for the Dimock Residential Groundwater site from \$225, 000 to \$500,000. Please document the verbal approval in a Special Bulletin as soon as possible. As we discussed I would also like us to prepare over the next couple of weeks an amended Action Memo which consolidates the various verbal approvals that have been provided since the original Action Memo was signed on January 19, 2012.

If there are any questions, please feel free to call me. Thanks, den.

Dennis P. Carney, Associate Division Director  
Hazardous Site Cleanup Division  
Office of Preparedness & Response  
US EPA - Region III  
1650 Arch Street  
Philadelphia, PA 19103  
(W) (215) 814-3241  
(Cell) (215) 514-9310

----- Forwarded by Dennis Carney/R3/USEPA/US on 03/14/2012 01:46 PM -----

From: Larry Stanton/DC/USEPA/US  
To: Dennis Carney/R3/USEPA/US@EPA  
Cc: Dana Tulis/DC/USEPA/US@EPA, Gerald Heston/R3/USEPA/US@EPA, Gilberto Irizarry/DC/USEPA/US@EPA, Richard Fetzer/R3/USEPA/US@EPA, Ron Borsellino/R3/USEPA/US@EPA  
Date: 03/14/2012 12:41 PM  
Subject: Re: Dimock - Request for Ceiling Increase

Dennis -

The Office of Emergency Management concurs in raising the ceiling.

Please keep us posted on further developments.

Best regards -  
Larry

Lawrence M. Stanton, Director

Office of Emergency Management (OEM)  
US EPA HQ, 1200 Pennsylvania Ave. 5104A  
Washington DC, 20460  
Office: 202.564.2092  
Cell: 202.568.1396  
Email: [stanton.larry@epa.gov](mailto:stanton.larry@epa.gov)

From: Dennis Carney/R3/USEPA/US  
To: Larry Stanton/DC/USEPA/US@EPA  
Cc: Dana Tulis/DC/USEPA/US@EPA, Gilberto Irizarry/DC/USEPA/US@EPA, Ron Borsellino/R3/USEPA/US@EPA, Richard Fetzer/R3/USEPA/US@EPA, Gerald Heston/R3/USEPA/US@EPA  
Date: 03/09/2012 03:16 PM  
Subject: Dimock - Request for Ceiling Increase

**Purpose:** The purpose of this email is to formally seek your concurrence on an increase to the project ceiling for the Dimock Residential Groundwater Site located in Susquehanna Co., PA. The increase proposed is for \$275,000 which would bring the total project ceiling to \$500, 000. Outlined below is the basis for this request.

**Background:** On January 19, 2012, Dana Tulis, acting on your behalf concurred on an Action Memorandum (Memo) to take actions at the Dimock Residential Groundwater Site including the provision of bulk and bottled water to 4 homes. The Action Memo, which I subsequently signed, also on January 19, 2012, also included sampling at approximately 61 homes. After both PADEP and Cabot declined offers to provide alternate water to the four homes, the OSC used a regional ERRS contractor to provide the bulk and bottled water and to support command post logistical support activities. Initial estimates were that the original project ceiling would be sufficient for approximately one month. On February 9, 2012 after receiving your concurrence I provided a verbal approval to the OSC raising the project ceiling to \$225,000. At that time we noted that the funding increase would be sufficient for approximately 5 weeks.

Attached below and embedded into this email is the request I received from the OSC outlining his request for additional funding for the project.

**Conclusion:** A project ceiling increase of \$ 275,000 bringing the total project ceiling to \$500,000 would enable the OSC to continue to provide alternate water to the original four homes for approximately 10 additional weeks. During that time the Region anticipates completing a second round of sampling at a limited set of homes which will include the four homes currently receiving water and having all its analytical results for the purpose of making a final determination on any longer term need for alternate water.

**Costs:** With your concurrence on the proposed ceiling increase, the total project ceiling will breakout as noted below.

	Current	Proposed
ERRS	\$200,000	\$475,000
START	\$ 10,000	\$ 10,000
Contingency	<u>\$ 15,000</u>	<u>\$ 15,000</u>
Total	\$225,000	\$500,000

Please advise if we need to discuss this request.

Dennis P. Carney, Associate Division Director  
Hazardous Site Cleanup Division  
Office of Preparedness and Response  
US EPA - Region III  
1650 Arch Street  
Philadelphia, PA 19103  
(W) (215) 814-3241  
(Cell) (215) 514-9310

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March 9, 2012

Subject: Increase in Dimock Residential Groundwater Site Ceiling

From: Richard M. Fetzner, OSC

To: Dennis P. Carney, Director  
Office of Preparedness and Response

Issue: On January 19, 2012 you approved an action memorandum to take actions at the Dimock Residential Groundwater Site including the provision of bulk and bottled water to 4 homes. The action also included

sampling at approximately 61 homes. The site ceiling for that action was set at \$100,000. In order to implement these actions the OSC has used ERRS to provide the bulk and bottled water and to support command post logistical support activities. On February 9, 2012, I received your verbal approval to increase the site ceiling from \$100,000 to \$225,000. In documenting that increase, the OSC estimated that the additional funding would carry the project through approximately March 10, 2012. The current monthly cost for this action for ERRS is estimated at approximately \$105,000 which includes a small savings each week resulting from reduced water deliveries because of the provision of larger water storage tanks at homes. At the current time based on the burn rate we estimate that we have sufficient funding to continue water deliveries through approximately March 15<sup>th</sup>.

Estimated Schedule: At the current time based on the first round of sampling results we are proposing to continue to provide alternate water to the original 4 homes while a second round of sampling is performed and data analyzed. At that point we are pretty confident we will be able to make a determination on whether water needs to be provided longer-term or whether we can halt the delivery of alternate water. If a long-term arrangement is needed we intend to review options for providing that water as outlined in the original action memorandum. Providing sufficient time for the sampling, lab analysis, and QA/QC plus an appropriate evaluation of all information to formulate a decision on future actions will result in a need to continue to provide water until the middle to the end of May 2012. The cost estimate to continue site operations for those approximately 11 weeks is \$275,000. In order to continue site operations to May 31, 2012, I am requesting that a site ceiling increase be increased by \$275,000 raising the ceiling from \$225,000 to \$500,000.

Costs:

	Current	Proposed
ERRS	\$200,000	\$475,000
START	\$ 10,000	\$10,000
Contingency	<u>\$ 15,000</u>	<u>\$15,000</u>
	\$225,000	\$500,000